1396912   Part		umber	Hits	Search Text	DB	Time stamp
1396912   pillar column vertical   pillar column vertical   mram and (pillar column vertical)   pillar   mram and (pillar column vertical)   pillar   mram and (pillar column vertical)   pillar   pillar   USPAT, US-PGPUB   200405/13 16:02   200405/13 16:14   2004	37		1814	mram		2004/05/13 16:00
1396912   1127   mram and (pillar column vertical)   1128   1127   1128   1127   1128   1127   1128			•			2004/03/13 10:09
1127	38		1396912	pillar column vertical		2004/05/12 16:00
1127				•		2004/05/13 10:09
25736   pillar	39		1127	mram and (pillar column vertical)		2004/05/12 16 00
1	i			(Pinal Goldmir Voltical)		2004/05/13 16:09
41	40		25736	pillar		2004/05/10 15 10
41						2004/05/13 16:10
996155   vertical	41		45	mram and nillar		
1996155   vertical   mram and (gate near3 oxide)   mram and pillar   US-PGPUB US-PAT: US-PGPUB US-P			''	The site piles		2004/05/13 16:27
18	42		996155	vertical		
11   140   14181   gate near3 oxide			) ) ) ) )	Vertical		2004/05/13 16:27
44 4 1181 gate near3 oxide (mram and vertical) and (gate near3 oxide) (mram and pillar ) (mram and vertical) and (gate near3 oxide)) not (mram and pillar ) (mram and vertical) and (gate near3 oxide)) not (mram and pillar ) (mram and vertical) and (gate near3 oxide)) not (mram and pillar ) (mram and vertical) and (gate near3 oxide)) not (mram and pillar ) (mram and (magnetic and ((438/3).CCLS.)) and (gate near3 oxide)) not (mram and pillar ) (mram	43		510	mrom and vertical		
41181 gate near3 oxide  45 51 (mram and vertical) and (gate near3 oxide)  46 41 ((mram and vertical) and (gate near3 oxide)) not (mram and pillar)  47 550 (438/268).CCLS.  48 504582 magnetic  49 12 ((438/268).CCLS.) and magnetic  49 12 ((438/36).CCLS.) magnetic and ((438/3).CCLS.))  50 1245 (438/268).CCLS.)  51 magnetic and ((438/3).CCLS.))  52 339 magnetic and ((438/3).CCLS.))  53 121 mram and (magnetic and ((438/3).CCLS.))  64 72 (mram and (magnetic and ((438/3).CCLS.))) and @ad<20020325 uot (mram and pillar))  65 1279768 (mram and pillar)  66 1279768 (mram and pillar)  67 140 ((438/3).CCLS.) and (circular round cylindrical)  68 146 ((438/3).CCLS.) and (circular round cylindrical)  69 140 (((438/3).CCLS.)) and (eircular round cylindrical)) not ((mram and pillar)) not ((mram and quand q				muni and vertical	1 '	2004/05/13 16:27
10   10   10   10   10   10   10   10	44		41181	gate near? avide	1	
146	• •		41101	gate nears oxide		2004/05/13 16:27
1	45		- 51	(mrom and vartical) and (material)		
41	7,7		. 31	(main and vertical) and (gate near3 oxide)		2004/05/13 16:28
12	16	* *	41	((mmom on decay) = 1) = 1(		
48	70		. 41	((Illiani and Vertical) and (gate near3 oxide)) not (mram and pillar)		2004/05/13 16:31
## 104   12   ((438/268).CCLS.) and magnetic   ((438/3).CCLS.)   (438/3).CCLS.)   (438/3).CCLS.)   (438/3).CCLS.)   ((438/3).CCLS.)   ((438/3).CCLS.)   ((438/3).CCLS.)   ((438/3).CCLS.)   ((438/3).CCLS.)   ((438/3).CCLS.)   ((438/3).CCLS.)   ((138/3).CCLS.)   ((13	17		550	(429/269) COL C		
12	7/		330	(438/208).CCLS.		2004/05/13 16:48
12	10		504593			
12	40		304382	magnetic		2004/05/13 16:32
(438/3).CCLS.)  (438/3).CCLS.)  magnetic and ((438/3).CCLS.))  (mram and (magnetic and ((438/3).CCLS.)))  (mram and (magnetic and ((438/3).CCLS.)))  (mram and (magnetic and ((438/3).CCLS.))) and @ad<20020325  (mram and pillar ) not (((mram and pillar )))  (mram and pillar )  ((438/3).CCLS.) and (circular round cylindrical)) not ((mram and magnetic and ((438/3).CCLS.))) and @ad<20020325) not (mram and pillar )  ((438/3).CCLS.) and (circular round cylindrical)) not (((mram and (magnetic and ((438/3).CCLS.))) and @ad<20020325) not (mram and pillar )  ((438/3).CCLS.) and (circular round cylindrical)) not (((mram and (magnetic and ((438/3).CCLS.))) and @ad<20020325) not (mram and pillar )  (((438/3).CCLS.)) and ((ircular round cylindrical)) not (((mram and (magnetic and ((438/3).CCLS.))) and @ad<20020325) not (mram and pillar )  (((438/3).CCLS.)) and ((ircular round cylindrical)) not (((mram and (magnetic and ((438/3).CCLS.))) and @ad<20020325) not (mram and pillar )  (((438/3).CCLS.)) and (gate near3 oxide)) not (mram and pillar )) not (((mram and (magnetic and ((438/3).CCLS.))) and @ad<20020325) not (mram and pillar ))  not (((mram and vertical)) and (gate near3 oxide)) not (mram and pillar )) not (((mram and (magnetic and ((438/3).CCLS.))) and @ad<20020325) not (mram and pillar ))  not (((mram and vertical)) and (gate near3 oxide)) not (mram and pillar )) not (((mram and (magnetic and ((438/3).CCLS.))) and @ad<20020325) not (mram and pillar ))  not (((mram and vertical)) and (gate near3 oxide)) not (mram and pillar ))  not (((mram and vertical)) and (gate near3 oxide)) not (mram and pillar ))  not (((mram and vertical)) and (gate near3 oxide)) not (mram and pillar ))  not (((mram and vertical)) and (gate near3 oxide)) not ((mram and magnetic and ((438/3).CCLS.))) and @ad<20020325) not (mram and pillar ))  not (((mram and vertical)) and (gate near3 oxide)) not ((mram and pillar ))  not (((mram and vertical)) and (gate near3 oxide)) not ((mram and pillar ))  not (((mram and vertical)) and (gate near3 oxide)) not ((	40		10	((100 (0 CO) COV G)		
1245   (438/3).CCLS.   magnetic and ((438/3).CCLS.)   magnetic and ((438/3).CCLS.)   magnetic and ((438/3).CCLS.))   and @ad<20020325   USPAT; US-PGPUB US-PGPUB USPAT; US-PGPUB US	49		12	((438/268).CCLS.) and magnetic	USPAT;	2004/05/13 16:35
magnetic and ((438/3).CCLS.)   magnetic and ((438/3).CCLS.))	50			(120/2) = ====	US-PGPUB	
121   mram and ((438/3).CCLS.)   mram and ((438/3).CCLS.))   mram and (magnetic and ((438/3).CCLS.))   mram and pillar   mram and	50		1245	(438/3).CCLS.	USPAT;	2004/05/13 16:41
121   mram and (magnetic and ((438/3).CCLS.))   mram and ((438/3).CCLS		ļ	222		US-PGPUB	·
121   mram and (magnetic and ((438/3).CCLS.))   mram and mram and pillar   mram and pillar   mram and pillar   mram and pillar   mram and (magnetic and ((438/3).CCLS.))   mram and mram and pillar   mram and mram and mram and (magnetic and ((438/3).CCLS.))   mram and mram	52		339	magnetic and ((438/3).CCLS.)	USPAT;	2004/05/13 16:41
1279768   146   ((438/3).CCLS.)) and (gate near3 oxide)) not ((mram and pillar )) ori (((mram and (vas)).CCLS.))) and (gate near3 oxide)) not (mram and pillar )) ori (((438/3).CCLS.))) and (gate near3 oxide)) not (mram and pillar )) ori (((438/3).CCLS.)) and (gate near3 oxide)) not (mram and pillar )) ori (((438/3).CCLS.)) and (circular round cylindrical) (((438/3).CCLS.)) and (circular round cylindrical) (((438/3).CCLS.)) and (gate near3 oxide)) not (mram and pillar )) not (((mram and (vas)).) and ((438/3).CCLS.))) and ((438/3).CCLS.)) and ((438/					US-PGPUB	
1279768   68   ((mram and (magnetic and ((438/3).CCLS.))) and @ad<20020325) not (mram and pillar ) not (((mram and pillar not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar not (((mram and vertical) and (gate near3 oxide)) not ((mram and pillar not (((mram and vertical) and (gate near3 oxide)) not ((mram and pillar not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar not ((((438/3).CCLS.))) and @ad<20020325) not (mram and pillar not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar not (((mram	53		121	mram and (magnetic and ((438/3).CCLS.))	USPAT;	2004/05/13 16:36
((mram and (magnetic and ((438/3).CCLS.))) and @ad<20020325) not (mram and pillar ) not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar )) not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar )) not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar )) not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar )) not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar )) not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar )) not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar )) not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar )) not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar )) not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar )) not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar )) not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar )) not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar )) not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar )) not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar )) not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar )) not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar )) not ((mram and vertical) and (gate near3 oxide)) not (mram and pillar )) not ((mram and vertical) and (gate near3 oxide)) not (mram and pillar )) not ((mram and vertical) and (gate near3 oxide)) not (mram and pillar )) not ((mram and vertical) and (gate near3 oxide)) not (mram and pillar )) not ((mram and vertical) and (gate near3 oxide)) not (mram and pillar )) not ((mram and vertical) and (gate near3 oxide)) not (mram and pillar )) not ((mram and vertical) and (gate near3 oxide)) not (mram and pillar )) not ((mram and vertical) and (gate near3 oxide)) not (mram and pillar )) not ((mram and vertical) and (gate near3 oxide)) not (mram and pillar )) not ((mram and (magnetic and ((438/3).CCLS.))))			·		US-PGPUB	
1279768   ((mram and (magnetic and ((438/3).CCLS.))) and @ad<20020325) not (mram and pillar )) not ((mram and pillar )) circular round cylindrical) ((438/3).CCLS.) and (circular round cylindrical)) not ((mram and magnetic and ((438/3).CCLS.))) and @ad<20020325) not (mram and pillar )) not (((mram and (magnetic and ((438/3).CCLS.))) and @ad<20020325) not (mram and pillar )) not (((mram and (magnetic and ((438/3).CCLS.)))) and @ad<20020325) not (mram and pillar )) not (((mram and (magnetic and ((438/3).CCLS.)))) and @ad<20020325) not (mram and pillar )) not (((mram and (magnetic and ((438/3).CCLS.)))) and @ad<20020325) not (mram and pillar )) not (((mram and vertical)) and (gate near3 oxide)) not (mram and pillar )) not (((mram and vertical)) and (gate near3 oxide)) not (mram and pillar )) not (((mram and vertical)) and (gate near3 oxide)) not (mram and pillar )) not (((mram and vertical)) and (gate near3 oxide)) not (mram and pillar )) not (((mram and vertical)) and (gate near3 oxide)) not (mram and pillar )) not (((mram and vertical)) and (gate near3 oxide)) not (mram and pillar )) not (((mram and vertical)) and (gate near3 oxide)) not (mram and pillar )) not (((mram and vertical)) and (gate near3 oxide)) not (mram and pillar )) not (((mram and vertical)) and (gate near3 oxide)) not (mram and pillar )) not (((mram and vertical)) and (gate near3 oxide)) not (mram and pillar )) not (((mram and vertical)) and (gate near3 oxide)) not (mram and pillar )) not (((mram and vertical)) and (gate near3 oxide)) not (mram and pillar )) not (((mram and vertical)) and (gate near3 oxide)) not (mram and pillar )) not (((mram and vertical)) and (gate near3 oxide)) not (mram and pillar )) not (((mram and (438/3).CCLS.))) and (gate near3 oxide)) not (mram and pillar )) not (((mram and (438/3).CCLS.))) and (gate near3 oxide)) not (mram and pillar )) not (((mram and (magnetic and (4438/3).CCLS.))) and (gate near3 oxide)) not (mram and pillar )) not (((mram and (magnetic and (4438/3).CCLS.))) and (gate near3 oxide)) not (mram and p	54		72	(mram and (magnetic and ((438/3).CCLS.))) and @ad<20020325	USPAT;	2004/05/13 16:42
1279768   1279768   1279768   146   ((438/3).CCLS.) and (circular round cylindrical)   140   (((438/3).CCLS.) and (circular round cylindrical)   140   (((438/3).CCLS.)) and (circular round cylindrical)   140   (((438/3).CCLS.)) and (circular round cylindrical)   181   (((438/3).CCLS.)))   182   (((438/3).CCLS.)))   183   (((438/3).CCLS.)))   183   (((438/3).CCLS.)))   183   (((438/3).CCLS.)))   183   (((438/3).CCLS.)))   184   (((438/3).CCLS.)))   185   (((438/3).CCLS.)))   185   (((438/3).CCLS.)))   185   ((((438/3).CCLS.)))   185   ((((438/3).CCLS.)))   185   ((((438/3).CCLS.)))   185   (((((438/3).CCLS.))))   185   (((((438/3).CCLS.))))   185   (((((((((((((((((((((((((((((((((((			2		US-PGPUB	
(mram and pillar )   circular round cylindrical   USPAT; US-PGPUB   USPAT; US-PGPU	55	1	68	((mram and (magnetic and ((438/3).CCLS.))) and @ad<20020325) not	USPAT;	2004/05/13 16:37
1279768   circular round cylindrical   USPAT;   US-PGPUB   USPAT				(mram and pillar) not (((mram and vertical) and (gate near3 oxide)) not	US-PGPUB	
146 (((438/3).CCLS.) and (circular round cylindrical)  140 ((((438/3).CCLS.) and (circular round cylindrical)) not ((((mram and (magnetic and ((438/3).CCLS.)))) and @ad<20020325) not (mram and pillar))) not (((mram and (magnetic and ((438/3).CCLS.)))) and @ad<20020325) not (mram and pillar))) not (((mram and (magnetic and ((438/3).CCLS.)))) and @ad<20020325) not (mram and pillar)) not (((mram and (magnetic and ((438/3).CCLS.)))) and @ad<20020325) not (mram and pillar))) not (((mram and (magnetic and ((438/3).CCLS.)))) and @ad<20020325) not (mram and pillar)) not (((mram and vertical)) and (gate near3 oxide)) not (mram and pillar)) not (((mram and vertical)) and (gate near3 oxide)) not (mram and pillar))) not (((mram and vertical)) and (gate near3 oxide)) not (mram and pillar))) not (((mram and vertical)) and (gate near3 oxide)) not (mram and pillar)) not (((mram and vertical)) and (gate near3 oxide)) not (mram and pillar)) not ((((438/3).CCLS.))) and @ad<20020325) not (mram and pillar)) not (((((438/3).CCLS.))) and @ad<20020325) not (mram and pillar)) not ((((mram and vertical))) and (gate near3 oxide)) not (mram and pillar)) not (((((a)38/3).CCLS.))) and @ad<20020325) not (mram and pillar)) not (((((a)38/3).CCLS.))) and @ad<20020325) not (mram and pillar)) not (((((a)38/3).CCLS.))) and ((a)38/3).CCLS.))) and (((a)38/3).CCLS.))) and (((a)38/3).CCLS.))) and (((a)38/3).CCLS.))) and ((a)38/3).CCLS.))) and (((a)38/3).CCLS.)))			10000			
146 (((438/3).CCLS.) and (circular round cylindrical)  140 (((438/3).CCLS.) and (circular round cylindrical)) not (((mram and (magnetic and ((438/3).CCLS.))) and @ad<20020325) not (mram and pillar )) not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar ))) not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar )) not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar )) not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar )) not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar )) not ((((mram and vertical) and (gate near3 oxide)) not (mram and pillar )) not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar )) not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar )) not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar )) not ((((38/3).CCLS.))) and @ad<20020325) not (mram and pillar )) not ((((38/3).CCLS.))) and @ad<20020325) not (mram and pillar )) not (((((38/3).CCLS.))) and ((((38/3).CCLS.))) and ((((38/3).CCLS.))) and ((((38/3).CCLS.))) and ((((38/3).CCLS.))) and ((((38/3).CCLS.))) and (((((38/3).CCLS.))) and (((((38/3).CCLS.))) and (((((38/3).CCLS.))) and (((((((((((((((((((((((((((((((((((	50	.	1279768	circular round cylindrical	USPAT;	2004/05/13 16:40
140 ((((438/3).CCLS.)) and (circular round cylindrical)) not (((mram and (magnetic and ((438/3).CCLS.)))) and @ad<20020325) not (mram and pillar )) not (((mram and (magnetic and ((438/3).CCLS.)))) and @ad<20020325) not (mram and pillar )) not (((mram and (magnetic and ((438/3).CCLS.)))) and @ad<20020325) not (mram and pillar )) not (((mram and circular round cylindrical)) not (((mram and magnetic and ((438/3).CCLS.))) and @ad<20020325) not (mram and pillar )) not (((mram and circular round cylindrical)) not ((mram and pillar )) not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar )) not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar )) not (((mram and circular round cylindrical)) not ((mram and pillar )) not (((mram and circular round cylindrical)) not ((mram and pillar )) not (((mram and circular round cylindrical)) not (mram and pillar )) not (((mram and pillar )) not (((mram and circular round cylindrical)) not ((mram and pillar )) not (((mram and circular round cylindrical)) not ((mram and pillar )) not (((mram and circular round cylindrical)) not ((mram and pillar )) not (((mram and circular round cylindrical)) not ((mram and pillar )) not (((mram and circular round cylindrical)) not ((mram and pillar )) not (((mram and pillar )) not (((mram and circular round cylindrical)) not ((mram and pillar )) not (((mram and circular round cylindrical)) not ((mram and pillar )) not (((mram and circular round cylindrical)) not ((mram and pillar ))) not (((mram and circular round cylindrical)) not ((mram and pillar ))) not (((mram and circular round cylindrical)) not ((mram and pillar ))) not (((mram and circular round cylindrical)) not ((mram and pillar ))) not (((mram and circular round cylindrical)) not ((mram and pillar ))) not (((mram and circular round cylindrical)) not ((mram and pillar ))) not (((mram and circular round cylindrical)) not ((mram and pillar ))) not (((mram and circular round cylindrical)) not (((mram and circular round cylindrical)) not ((mram and pillar )))					US-PGPUB	
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108 ((((438/3).CCLS.) and (circular round cylindrical)) not (((mram and (magnetic and ((438/3).CCLS.))) and @ad<20020325) not (mram and pillar )) not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar ))) not ((mram and ((438/3).CCLS.))) and @ad<20020325) not (mram and pillar ) not ((mram and vertical) and (gate near3 oxide)) not			. [	(mram and pillar ))		
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not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar ))) not ((mram and (magnetic and ((438/3).CCLS.))) and @ad<20020325) not (mram and pillar ) not (((mram and vertical) and (gate near3 oxide)) not				(magnetic and ((438/3), CCLS,))) and @ad<20020325) not (mram and piller		200 <del>4</del> /03/13 10:30
not ((mram and (magnetic and ((438/3).CCLS.))) and @ad<20020325) not (mram and pillar) not (((mram and vertical) and (gate near3 oxide)) not				) not (((mram and vertical) and (pate near3 oxide)) not (mram and nillow)))	OS-FOFUB	
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The man and place in and (wall >20020) 2.	•			(mram and pillar))) and @ad<20020325		

63	45	magnetic and (((((438/3).CCLS.) and (circular round cylindrical)) not	USPAT;	2004/05/12 15 42
		(((mram and (magnetic and ((438/3).CCLS.))) and @ad<20020325) not	US-PGPUB	2004/05/13 16:43
		(mram and pillar ) not (((mram and vertical) and (gate near3 oxide)) not	03-FGF0B	
		(mram and pillar))) not ((mram and (magnetic and ((438/3) CCLS))) and		.
		@ad<20020325) not (mram and pillar) not (((mram and vertical) and (gate		,
		near3 oxide)) not (mram and pillar ))) and @ad<20020325)		
64	2	mram and ((438/268).CCLS.)	USPAT;	2004/05/13 16:49
			US-PGPUB	2004/03/13 10:49
65	121	mram and ((438/3).CCLS.)	USPAT:	2004/05/13 16:49
			US-PGPUB	2004/03/13 10:49
66	41	(mram and ((438/3).CCLS.)) not (magnetic and (((((438/3).CCLS.) and	USPAT:	2004/05/13 16:50
		(circular round cylindrical)) not (((mram and (magnetic and	US-PGPUB	2004/03/13 10:30
		((438/3).CCLS.))) and @ad<20020325) not (mram and pillar.) not ((mram	OS T GI OB	
		and vertical) and (gate near3 oxide)) not (mram and pillar ))) not ((mram and		,
•		(magnetic and ( $(438/3)$ .CCLS.))) and @ad< $20020325$ ) not (mram and pillar		
		) not (((mram and vertical) and (gate near3 oxide)) not (mram and nillar )))	]	
		and (and 20020325)) not (((438/3).CCLS.) and (circular round eylindrical))		
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		(mram and pillar) not ((mram and vertical) and (gate near3 oxide)) not	ŀ	
		(mram and pillar ))) not ((mram and (magnetic and ((438/3).CCLS.))) and @ad<20020325)		, .
57	0	((mram and ((438/3).CCLS.)) not (magnetic and ((((438/3).CCLS.)) and		
		(circular round cylindrical)) not (((mram and (magnetic and	USPAT;	2004/05/13 16:50
		((438/3).CCLS.))) and @ad<20020325) not (mram and pillar ) not (((mram	US-PGPUB	
		and vertical) and (gate near3 oxide)) not (mram and pillar))) not (mram and		
		(magnetic and ((438/3).CCLS.))) and @ad<20020325) not (mram and pillar		
	İ	) not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar )))		
		and @ad<20020325)) not (((438/3).CCLS.) and (circular round cylindrical))		
		not (((mram and (magnetic and ((438/3).CCLS.))) and @ad<20020325) not		* .
		(mram and pillar) not (((mram and vertical) and (gate near3 oxide)) not		•
		(mram and pillar ))) not ((mram and (magnetic and ((438/3).CCLS.))) and		
		@ad<20020325)) and @ad<20020325		

L Number			DB	Time stamp
37	1814	mram	USPAT;	2004/05/13 16:0
20		l	US-PGPUB	2004/03/13 10:0
38	1396912	pillar column vertical	USPAT;	2004/05/13 16:0
20	1100		US-PGPUB	10.0
39	1127	mram and (pillar column vertical)	USPAT;	2004/05/13 16:09
40	25726	71	US-PGPUB	
40	25736	pillar -	USPAT;	2004/05/13 16:10
41	45		US-PGPUB	
71	43	mram and pillar	USPAT;	2004/05/13 16:23
42	996155	vertical	US-PGPUB	
T2	770133	Vertical	USPAT;	2004/05/13 16:23
43	519	mram and vertical	US-PGPUB	
	317	indivalid vertical	USPAT;	2004/05/13 16:23
44 -	41181	gate near3 oxide	US-PGPUB	
		Sate hears oxide	USPAT;	2004/05/13 16:27
45	51	(mram and vertical) and (gate near3 oxide)	US-PGPUB	
		(munitality vertical) and (gate nears oxide)	USPAT;	2004/05/13 16:28
46	41	((mram and vertical) and (gate near3 oxide)) not (mram and pillar)	US-PGPUB	1
		((""" and vertical) and (gate nears oxide)) not (niram and pillar)	USPAT;	2004/05/13 16:31
47	550	(438/268).CCLS.	US-PGPUB	
			USPAT;	2004/05/13 16:48
48	504582	magnetic	US-PGPUB	2004/05/10 44 05
			USPAT; US-PGPUB	2004/05/13 16:32
49	12	((438/268).CCLS.) and magnetic		2004/05/12 16 25
		, , , , , , , , , , , , , , , , , , , ,	USPAT; US-PGPUB	2004/05/13 16:35
50	1245	(438/3).CCLS.	USPAT;	2004/05/12 16 41
			US-PGPUB	2004/05/13-16:41
52	339	magnetic and ((438/3).CCLS.)	USPAT;	2004/05/12/16/41
			US-PGPUB	2004/05/13 16:41
53	121	mram and (magnetic and ((438/3).CCLS.))	USPAT;	2004/05/13 16:36
			US-PGPUB	2004/03/13 10.30
54	72	(mram and (magnetic and ((438/3).CCLS.))) and @ad<20020325	USPAT;	2004/05/13 16:42
			US-PGPUB	2004/05/15 10:42
55	68	((mram and (magnetic and ((438/3).CCLS.))) and @ad<20020325) not	USPAT;	2004/05/13 16:37
		(mram and pillar) not (((mram and vertical) and (gate near3 oxide)) not	US-PGPUB	200 11 03/13 10:57
	1070760	(mram and pillar ))		
56	1279768	circular round cylindrical	USPAT:	2004/05/13 16:40
18	146	((400/0) 000 0)	US-PGPUB	
0	146	((438/3).CCLS.) and (circular round cylindrical)	USPAT;	2004/05/13 16:41
9	140	//(A20/2) CCLC	US-PGPUB	•
	140	(((438/3).CCLS.) and (circular round cylindrical)) not (((mram and	USPAT;	2004/05/13 16:42
		(magnetic and ((438/3).CCLS.))) and @ad<20020325) not (mram and pillar	US-PGPUB	
		) not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar )))		
,		not ((mram and (magnetic and ((438/3).CCLS.))) and @ad<20020325) not (mram and pillar)	2	
0	181	(((438/3) CCLS) and (aircular nound of the time)		
	. 101	(((438/3).CCLS.) and (circular round cylindrical)) not (((mram and	USPAT;	2004/05/13 16:42
	1	(magnetic and ((438/3).CCLS.))) and @ad<20020325) not (mram and pillar	US-PGPUB	
.	1	) not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar ))) not ((mram and (magnetic and ((438/3).CCLS.))) and @ad<20020325) not	]	
	İ	41not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar))		
1	140	(((438/3).CCLS.) and (circular round cylindrical)) not (((mram and		
		(magnetic and ((438/3).CCLS.))) and @ad<20020325) not (mram and pillar	USPAT;	2004/05/13 16:42
		) not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar )))	US-PGPUB	•
		not ((mram and (magnetic and ((438/3).CCLS.))) and @ad<20020325) not		
	'	(mram and pillar) not (((mram and vertical) and (gate near3 oxide)) not		1,
		(mram and pillar ))		
2		(((((438/3).CCLS.) and (circular round cylindrical)) not (((mram and	LICDATE	2004/05/12
		(magnetic and ((438/3).CCLS.))) and @ad<20020325) not (mram and pillar	USPAT;	2004/05/13 16:50
	]	) not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar )))	US-PGPUB	
	l i	(mram and (magnetic and ((438/3).CCLS.))) and @ad<20020325) not	}	
	Ť.	(mram and pillar) not (((mram and vertical) and (gate near3 oxide)) not		
	1.	(mram and pillar))) and @ad<20020325		

63	45	magnetic and ((((420/2) GGT G) ) 1/ ; 1		
0.5	43	inagnetic and (((((456/5).CCES.) and (chedial found cylingrical)) not	USPAT;	2004/05/13 16:43
		(((mram and (magnetic and ((438/3).CCLS.))) and @ad<20020325) not	US-PGPUB	
	1	(mram and pillar) not (((mram and vertical) and (gate near3 oxide)) not		
		(mram and pillar))) not ((mram and (magnetic and ((438/3).CCLS.))) and		
	1	@ad<20020325) not (mram and pillar) not (((mram and vertical) and (gate		İ
<i>C</i> 4		near3 oxide)) not (mram and pillar ))) and @ad<20020325)		,
64	2	mram and ((438/268).CCLS.)	USPAT:	2004/05/13 16:49
			US-PGPUB	_
65	121	mram and ((438/3).CCLS.)	USPAT:	2004/05/13 16:49
			US-PGPUB	200 17 037 13 10.43
66	. 41	(mram and ((438/3).CCLS.)) not (magnetic and (((((438/3).CCLS.) and	USPAT:	2004/05/13 16:53
		(circular round cylindrical)) not (((mram and (magnetic and	US-PGPUB	_00 1/05/15 10.55
		((438/3).CCLS.))) and @ad<20020325) not (mram and pillar ) not (((mram		
	İ	and vertical) and (gate near3 oxide)) not (mram and pillar))) not ((mram and		
		(magnetic and ((438/3).CCLS.))) and @ad<20020325) not (mram and pillar		
		) not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar )))		•
	İ	and @ad<20020325)) not (((438/3).CCLS.) and (circular round cylindrical))		
		not (((mram and (magnetic and ((438/3).CCLS.))) and @ad<20020325) not		
		(mram and pillar) not (((mram and vertical) and (gate near3 oxide)) not		
		(mram and pillar ))) not ((mram and (magnetic and ((438/3).CCLS.))) and		
		@ad<20020325)		
67	0	((mram and ((438/3).CCLS.)) not (magnetic and (((((438/3).CCLS.) and	USPAT;	2004/05/12 15 51
		(circular round cylindrical)) not ((((mram and (magnetic and		2004/05/13 16:54
		((438/3).CCLS.))) and @ad<20020325) not (mram and pillar ) not (((mram	US-PGPUB	
		and vertical) and (gate near3 oxide)) not (mram and pillar ))) not ((mram and		
•		(magnetic and ((438/3).CCLS.))) and @ad<20020325) not (mram and pillar		
		) not (((mram and vertical) and (gate near3 oxide)) not (mram and pillar )))		,
		and @ad<20020325)) not (((438/3).CCLS.) and (circular round cylindrical))		
		not (((mram and (magnetic and ((438/3).CCLS.))) and @ad<20020325) not		
	1	(mram and pillar) not (((mram and vertical) and (gate near3 oxide)) not		
		(mram and pillar ))) not ((mram and (mram and (1420/2)) cot a)		
		(mram and pillar ))) not ((mram and (magnetic and ((438/3).CCLS.))) and @ad<20020325)) and @ad<20020325		
68	1077	(257/295).CCLS.		
	1,577	(2011270).0000.	USPAT;	2004/05/13 16:53
69	83	mram and ((257/295).CCLS.)	US-PGPUB	
	3	mam and ((23/1/293).CCL3.)	USPAT;	2004/05/13 16:54
70	44	(mram and ((257/205) COLG.)) - 1 0 1 2000000	US-PGPUB	
, ,	+4	(mram and ((257/295).CCLS.)) and @ad<20020325	USPAT;	2004/05/13 16:54
			US-PGPUB	